

Claims:

- 1           1.     A method comprising:  
2                 in an operating system, checking a digital versatile disc (DVD) for  
3                 resource indications and indications of their associated address regions;  
4                 while playing a DVD, in the operating system, examining the addresses of  
5                 the requested DVD data for addresses associated with one of the resource  
6                 indications; and  
7                 if the association is found, in the operating system, starting an application  
8                 program and providing the one of the resource indications to the application  
9                 program to obtain a resource.
- 1           2.     The method of claim 1 wherein the starting and providing steps are not  
2                 done under the control of DVD player software.
- 1           3.     The method of Claim 1 wherein the operating system includes an  
2                 operating system extension.
- 1           4.     The method of Claim 3 wherein the operating system extension  
2                 software is provided on a digital versatile disc for loading onto the computer.
- 1           5.     The method of Claim 1 wherein the steps are implemented on the  
2                 computer.
- 1           6.     The method of Claim 1 wherein the resource indications are  
2                 Uniform Resource Locators (URLs).
- 1           7.     The method of Claim 1 wherein the indication of the address region  
2                 is a DVD menu or video indication from which the address region is determined.

1           8.     The method of Claim 1 wherein the resource indication is a file  
2     indication.

1           9.     The method of Claim 1 wherein the operating system produces a  
2     buffer of addresses requested from DVD player hardware and the operating  
3     system examines the buffer for addresses corresponding to a resource indication.

1           10.    The method of Claim 1 wherein the addresses are sectors on the  
2     DVD.

1           11.    A system comprising:  
2           a digital versatile disc (DVD) player adapted to read a DVD disc;  
3           an operating system adapted to check the DVD disc for resource  
4     indications and indications of associated address regions and adapted to examine  
5     the addresses requested from the DVD player for addresses associated with one of  
6     the resource indications, the operating system is further adapted, if the association  
7     is found, to start an application program and to provide the one of the resource  
8     indications to the application program to obtain a resource.

1           12.    The system of claim 11, wherein the starting and resource-  
2     indication providing are not done under the control of DVD player software.

1           13.    The system of Claim 11 wherein the operating system includes an  
2     operating system extension.

1           14.    The system of Claim 13 wherein the operating system extension is  
2     loaded from a DVD.

1           15.    The system of Claim 11 wherein the system is implemented on a  
2   computer.

1           16.    The system of Claim 11 wherein the resource indications are  
2   Uniform Resource Locators.

1           17.    The system of claim 11 wherein the indication of the address region  
2   or video is a DVD menu indication from which the address region is determined.

1           18.    The system of Claim 11 wherein the resource indication is a file  
2   indication.

1           19.    The system of Claim 11 wherein a buffer of addresses is produced  
2   by the operating system.

1           20.    A computer-readable medium containing a program which executes  
2   the following procedure:  
3       checking a digital versatile disc (DVD) for resource indications and  
4   indications of associated address regions;  
5       while playing a DVD in a DVD player, in the operating system, examining  
6   the requested DVD addresses for addresses associated with one of the resource  
7   indications; and  
8       if the association is found, in the operating system, starting an application  
9   program and providing the one of the resource indications to the application  
10   program to obtain a resource.

1           21.    The computer readable medium of claim 18, wherein the starting and  
2   resource indication providing steps are not done under the control of DVD player  
3   software.

1           22.     The computer-readable medium of Claim 20 wherein the operating  
2     system includes an operating system extension.

1           23.     The computer-readable medium of Claim 20 wherein the operating  
2     system extension is loaded from the DVD.

1           24.     The computer-readable medium of Claim 20 wherein the resource  
2     indication is a URL.

1           25.     The computer-readable medium of Claim 20 wherein the indications  
2     of address regions are DVD menu or video indications from which the address  
3     regions are determined.

1           26.     The computer-readable medium of Claim 20 wherein the resource  
2     indication comprises a file indication.

1           27.     The computer-readable medium of Claim 20 wherein the operating  
2     system creates a buffer of addresses.

1           28.     An apparatus comprising:  
2     means for a reading a digital versatile disc (DVD),  
3     operating system means for checking the DVD disc for resource  
4     indications and indication of associated address regions, and for examining the  
5     DVD addresses requested from reading means to find addresses associated with  
6     one of the resource indications, and for, if the association is found, starting an  
7     application program and providing the one of the resource indications to the  
8     application program to obtain a resource.

1           29. The apparatus of claim 28, wherein the starting and resource-  
2           indication providing are not done under the control of DVD player software.

1           30. The apparatus of Claim 28 wherein the operating system includes  
2           operating system includes an operating system extension.

1           31. The apparatus of Claim 28 wherein the operating system extension  
2           is loaded from a DVD.

1           32. The apparatus of Claim 28 wherein the apparatus comprises a  
2           computer.

1           33. The apparatus of Claim 28 wherein the resource indications  
2           comprise URLs.

1           34. The apparatus of Claim 28 wherein the indications of address  
2           regions are DVD menu or video indications from which the address regions are  
3           determined.

1           35. The apparatus of Claim 28 wherein the resource indication  
2           comprises a file indication.

1           36. The apparatus of Claim 28 wherein the operating system uses a  
2           buffer of addresses produced by the operating system.

1           37. The apparatus of Claim 28 wherein the reading means comprises  
2           DVD player hardware.